

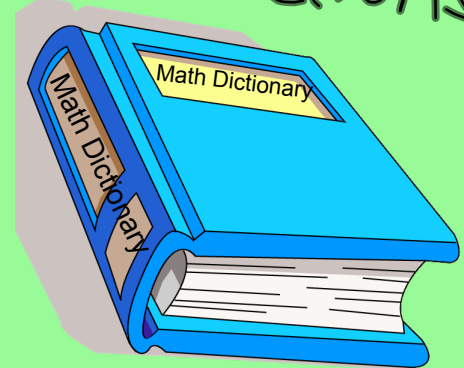


Add to your Math Dictionary . . .

(Inside
front
cover)

FRACTION	PERCENT
$\frac{1}{10}$	10%
$\frac{1}{5}$	20%
$\frac{1}{4}$	25%
$\frac{1}{3}$	$33\frac{1}{3}\%$
$\frac{2}{5}$	40%
$\frac{1}{2}$	50%
$\frac{2}{3}$	$66\frac{2}{3}\%$
$\frac{3}{4}$	75%
$\frac{4}{5}$	80%
$\frac{9}{10}$	90%

Estimate
% with
Nice Fractions



Estimate to find each percent using the Nice Fraction method.

1) 30% of 150

$$\frac{1}{3} \cdot \frac{150}{1} = \frac{150}{3} = 50$$

2) 65% of 12

$$\frac{2}{3} \cdot \frac{12}{1} = \frac{24}{3}$$

8

Estimate to find each percent using the Nice Fraction method.

3) 83% of 20

$$\frac{4}{5} \cdot \frac{20}{1} = \frac{80}{5} = 16$$

$$\frac{4}{5} \cdot \frac{20}{1} = \frac{16}{1} = 16$$

4) 72% of 24

$$\frac{3}{4} \cdot \frac{24}{1} = \frac{72}{4}$$

~~54~~

$$18$$

Now you try ...

Estimate to find each percent using the Nice Fraction method.

5) 91% of 195

$$\frac{9}{10} \cdot \frac{195}{1} = \frac{1755}{10} = 175.5$$

6) ^{15%}~~45%~~ of 112

$$\cancel{10\%} \quad \frac{1}{10} \cdot \frac{112}{1} = \frac{112}{10} = 11.2$$

$$\cancel{20\%} \quad \frac{1}{5} \cdot \frac{112}{1} = \frac{112}{5} = 22.4$$

$$11.2 + 22.4 = 33.6 \quad \frac{33.6}{2} = 16.8$$

HOMEWORK